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RCA L23W10 USER MANUAL

Table of Contents

important information
product information
product registration
important safety instructions
Table of Contents
Things to Consider Before You Connect
Protect Against Power Surges
Protect Devices from Overheating
Position Cables Properly to Avoid Audio Interference
Use Indirect Light

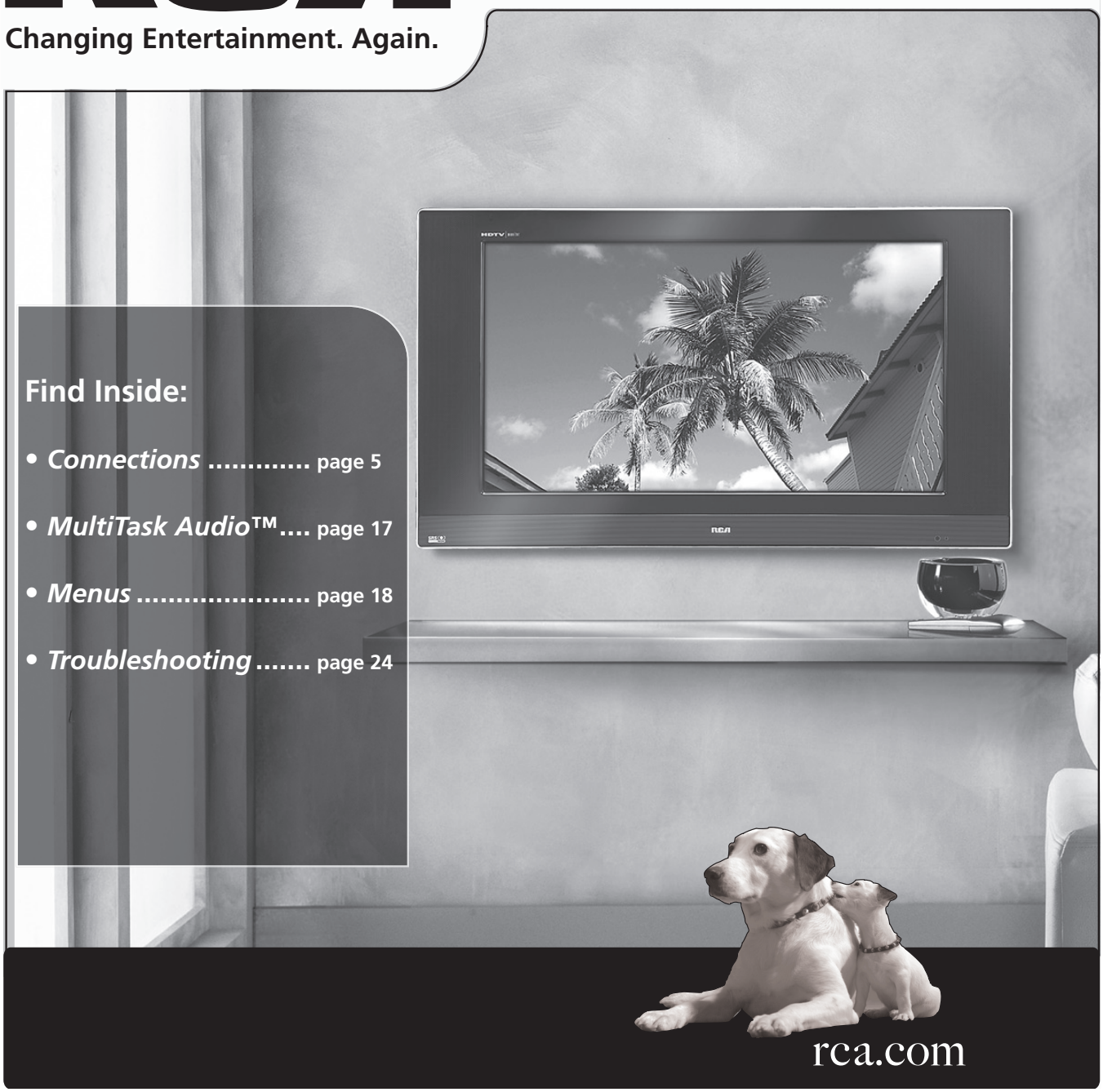
Connection Illustrations
Check Supplied Parts
Attach the Base
HDTV Information
Choose Your Connection
Connections
Y Pb/Cb Pr/Cr Connection
Audio/Video Input and Output Connection
Connecting the Device
DVI Connection
Connecting to a Personal Computer
Setting Up Your TV
Plug in the TV
Put Batteries in the Remote
Turn on the TV
Completing the On Screen Setup
Choose the Menu Language
Choose the Signal Type
Complete Channel Search
What to Expect
Explanation of Jacks
The Buttons on the Remote Control
About the Channel Banner
Parental Controls
How V-Chip Works
Blocking Age-Based Ratings
US TV Ratings
Blocking Specifi c Content Themes
V-Chip Movie Rating Limit
Viewing Age-Based Ratings

Blocking Canadian V-Chip Ratings
Blocking Movie Ratings
Front Panel Block
V-Chip Unrated/Exempt Block
Additional Features
MultiTask Audio
Calendar
Menus, On-screen Help, and Control Panels
Controls
Exiting a menu
Numeric Entries
Picture Menu
PC Picture Menu
Sound Menu
Parental Control Menu
Geometry Menu
Time Menu
Preferences Menu
Setup Menu
using the tv's menu system
The Remote Control Doesn't Work
Problems with V-Chip/Parental Controls
Care and Cleaning
Mounting Your TV to the Wall
V-Chip Rating Explanations
US V-Chip Rating System
Canadian English V-Chip Rating System
Canadian French V-Chip Rating System
Limited Warranty
FCC Information

Other ManualsLib Projects

LCD User's Guide

Changing Entertainment. Again.

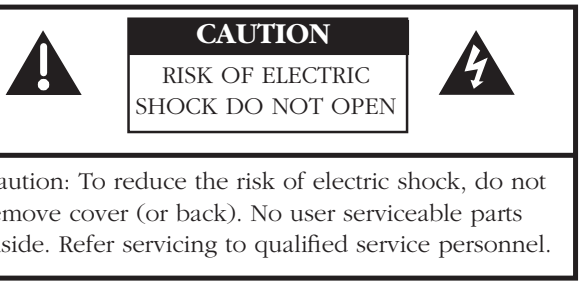


Find Inside:

- *Connections* ..... page 5
- *MultiTask Audio™*.... page 17
- *Menus* ..... page 18
- *Troubleshooting* ..... page 24

rca.com

Important Information


CAUTION
RISK OF ELECTRIC
SHOCK DO NOT OPEN
Caution: To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

This symbol indicates important instructions accompanying the product.

This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

WARNING

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

WARNING

The TV is unstable until it is properly attached to the base or mounted to the wall. Please follow the base or wall mounting instructions provided in the User's Guide to ensure your safety.

Hg

This symbol indicates that this product contains mercury. Special disposal of this product for environmental reasons may be required under the laws applicable to your jurisdiction. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org.

Refer to the identification/rating label located on the back panel of your product for its proper operating voltage.

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Cable TV Installer: This reminder is provided to call your attention to Article 820-40 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

Important: This television is a table model and is designed to sit on a firm, flat, surface. Don't place the TV on soft carpeting or similar surface because the ventilation slots on the bottom of the unit will be blocked resulting in reduced lifetime from overheating. To assure adequate ventilation for this product, maintain a spacing of 4 inches from the top and sides of the TV receiver and 2 inches from the rear of the TV receiver and other surfaces.

Also, make sure the stand or base you use is of adequate size and strength to prevent the TV from being accidentally tipped over, pushed off, or pulled off. This could cause personal injury and/or damage the TV. Refer to the Important Safety Instructions on the next page.

Product Registration

Please fill out the product registration card (packed separately) and return it immediately. For U.S. customers: Your RCA Consumer Electronics product may also be registered at www.rca.com/productregistration. Registering this product allows us to contact you if needed.

Product Information

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers. These numbers are located on the product.

Model No. _____ Serial No. _____ Purchase Date: _____

Dealer/Address/Phone: _____

Important Safety Instructions

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel.

    Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No. 70-1984 (Section 54 of Canadian Electrical Code, Part 1) provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See following example.

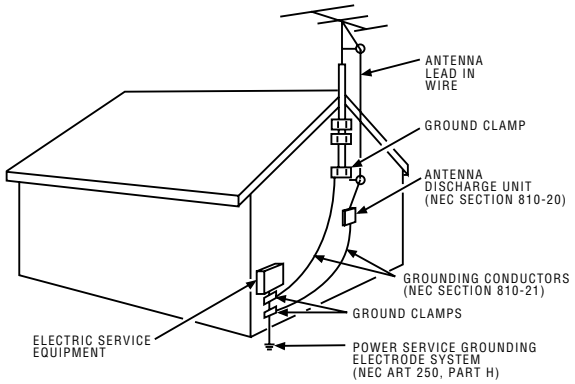


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Table of Contents

Important Safety Instructions i

Chapter 1: Connections and Setup

Things to Consider Before You Connect 3
- Protect Against Power Surges 3
- Protect Devices from Overheating 3
- Position Cables Properly to Avoid Audio Interference 3
- Use Indirect Light 3
- Connection Illustrations 3
- Check Supplied Parts 3

Attach the Base 4
HDTV Information 4
Choose Your Connection 4
- Y Pb/Cb Pr/Cr Connection 5
- Audio/Video Input and Output Connection 6
- DVI Connection 7
- Connecting to a Personal Computer 8

Setting Up Your TV 8
- Plug in the TV 8
- Put Batteries in the Remote 8
- Turn on the TV 8

Completing the On Screen Setup 9
- Choose the Menu Language 9
- Choose the Signal Type 9
- Complete Channel Search 9
- What to Expect 9

Explanation of Jacks 10
The Buttons on the Remote Control 12

Chapter 2: Using the TV's Features

About the Channel Banner 13
Parental Controls 13
- US TV Ratings 14
- Blocking Specific Content Themes 15
- V-Chip Movie Rating Limit 15
- Blocking Canadian V-Chip Ratings 16
- Front Panel Block 16
- V-Chip Unrated/Exempt Block 17

Additional Features 17
- MultiTask Audio 17
- Calendar 17

Chapter 3: Using the TV's Menu System

Menus, On-screen Help, and Control Panels 18
- Controls 18

Picture Menu 19
PC Picture Menu 20
Sound Menu 20
Parental Control Menu 21
Geometry Menu 21
Time Menu 21
Preferences Menu 22
Setup Menu 22

Table of Contents

Chapter 4: Other Information

Troubleshooting 24
Care and Cleaning 25
Mounting Your TV to the Wall 26
V-Chip Rating Explanations 27
- US V-Chip Rating System 27
- Canadian English V-Chip Rating System 27
- Canadian French V-Chip Rating System 28

Limited Warranty 29

Things to Consider Before You Connect

Protect Against Power Surges

- Connect all devices before you plug any of their power cords into the wall outlet or power strip. NEVER plug your TV into an outlet that is controlled by a wall switch.
- Turn off the TV and/or device(s) before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the Important Safety Instructions at the beginning of the manual.

Protect Devices from Overheating

- Don't block ventilation holes on any of the components. Arrange the devices so that air can circulate freely.
- Don't stack devices.
- If you place devices in a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier, place it on the top shelf so the heated air from it won't flow around other devices.

Position Cables Properly to Avoid Audio Interference

Insert each cable firmly into the designated jack.

Use Indirect Light

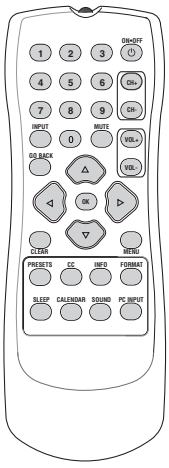
Don't place the TV where sunlight or room lighting will be directed toward the screen. Use soft or indirect lighting.

Connection Illustrations

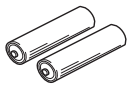
The devices used in the connection illustrations are for representation only. The input jacks and the output jacks on the back of your devices (VCR, DVD player, etc.,) might look different than those illustrated.

Check Supplied Parts

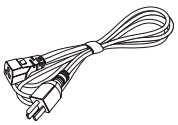
Check that the following parts were packed with your product.



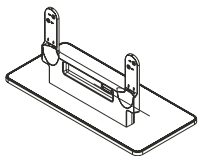
Remote control



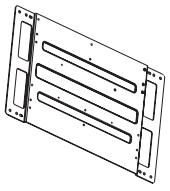
2 AA batteries



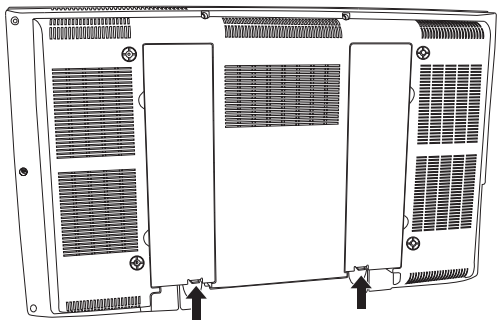
Power cord



TV's base, along with 8 screws to attach the base to TV



Wall mount plate



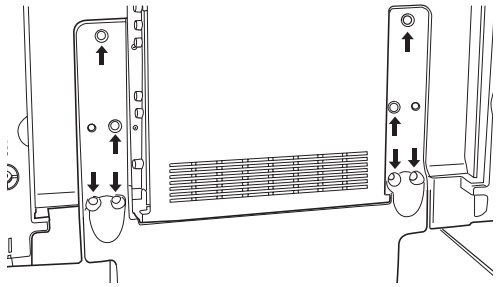
Remove the two jack covers to attach the base.

Attach the Base

Your TV comes shipped without the base attached so that you can choose to mount your TV either to its base or to a wall. If you want to mount your TV to the wall, don't attach the base and instead follow the instructions on page 26. To attach the base, follow these instructions.

1. Find a strong elevated surface that is soft, flat, and very clean. Make sure the surface doesn't have anything on it that can scratch the TV screen. Place the TV facedown, towards the edge of the surface so that when you attach the base it won't rest on the surface.
2. Locate the base and screws.
3. If necessary, remove the two jack panel covers by pushing up on the tabs and pulling the covers out carefully.
4. Use a screwdriver to attach the screws into the four holes on each side of the TV's base as the arrows indicate on the base.
5. You might want to leave the covers off until you've connected devices to your TV. Go to pages 5-8 for information on connecting your TV.

   When you've connected devices to the jacks, cables can be conveniently placed in the groove at the bottom of the jack panels and the covers fit back in place over the cables.



Attach the screws into the four holes on each side of the TV's base.

HDTV Information

Your LCD TV is a high-definition monitor, which means it is capable of receiving high definition TV programs. You'll need a separate HDTV receiver or tuner to connect to your TV using one of the inputs that supports a high-resolution signal. Go to page 7 for an example.

If you're connecting an antenna to the receiver or tuner, visit www.antennaweb.org to get help deciding what type of antenna to use to receive the local digital channels available to you. By entering where you live, this mapping program tells you what local analog and digital stations are available using a certain antenna.

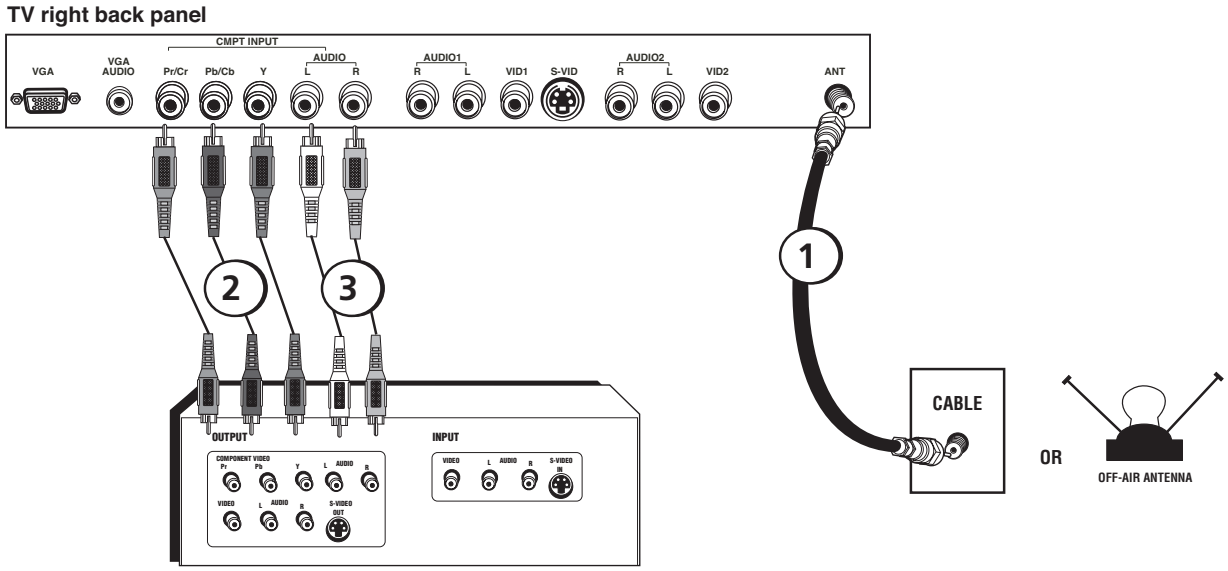
Choose Your Connection

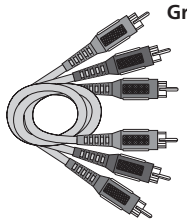
There are several ways to connect your television, depending on the devices you want to connect and the quality of the signal you want to achieve. It's important to remember the different degrees of picture improvement for comparison. The DVI™ and Y Pb/Cb Pr/Cr (component) jacks are considered excellent; S-Video is very good; Video (composite) jacks are considered good; while the Tuner (Antenna or Cable) connection is fair.

The following are examples of some ways to connect your TV. Choose the connection which is best for you.

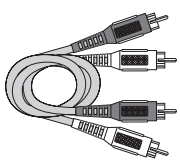
DVI is a trademark of DDWG (Digital Display Working Group).

Y Pb/Cb Pr/Cr Connection





Component Video cables (Y Pb Pr) are color coded- Green, Blue and Red



Audio cables are color coded- Red= right audio; white= left audio

Connecting the Device

This connection allows you to connect a device that has Y Pb/Cb Pr/Cr jacks, for example, a DVD player. The TV's Component jacks can recognize if the device you're connecting to is Y Pb Pr compatible or Y Cb Cr compatible. If the device you are connecting also has S-Video or composite video, we recommend you use the component video input for better quality.

Using the example of a DVD player:

1. **Connect your cable or off-air antenna to the TV's ANT input.**
2. **Connect Y Pb Pr component video cables.**

   Connect three video grade cables to the Component (CMPT) Y Pb/Cb Pr/Cr jacks on the back of the TV and to the Y Pb Pr or Y Cb Cr outputs on the DVD player.
3. **Connect your audio cables.**

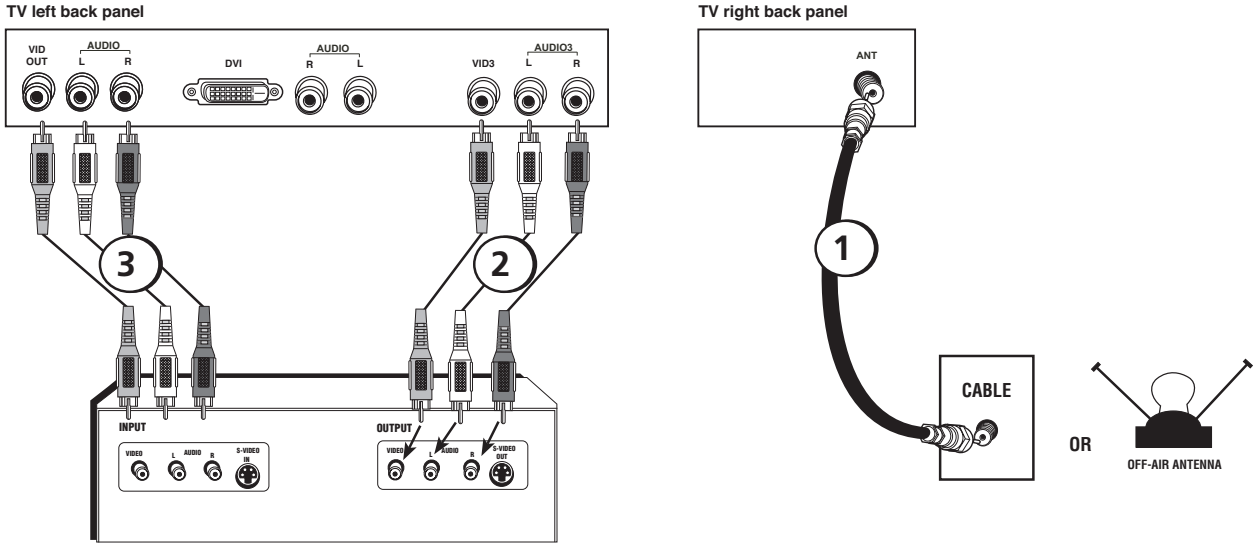
   Connect the audio (white and red) cables to the R and L AUDIO jacks on the back of the TV and to the Audio Output jacks on the DVD player.

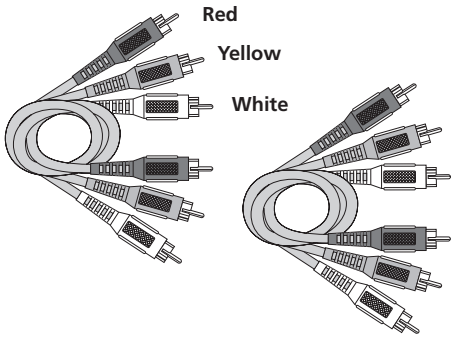
Viewing the Picture from the Connected Device

The device in this connection is connected to the TV's Component jacks. To view this device:

1. Plug in the TV (see page 8 for details) and the device, if they aren't already plugged in. Turn on the TV and the device you want to view.
2. Press the INPUT button on the remote control to scroll through the Video Input Channels until you see *CMPT* displayed in the channel banner.

Audio/Video Input and Output Connection





Use one set of composite audio/video cables to connect to the TV's input; another set to connect to the TV's output.

Composite cables are color coded- Yellow= video; Red= right audio; white= left audio

Connecting the Device

This connection allows you to connect a device such as a VCR that has audio/video inputs and outputs. Connecting to the TV's output allows you to record programs.

Using the example of a VCR:

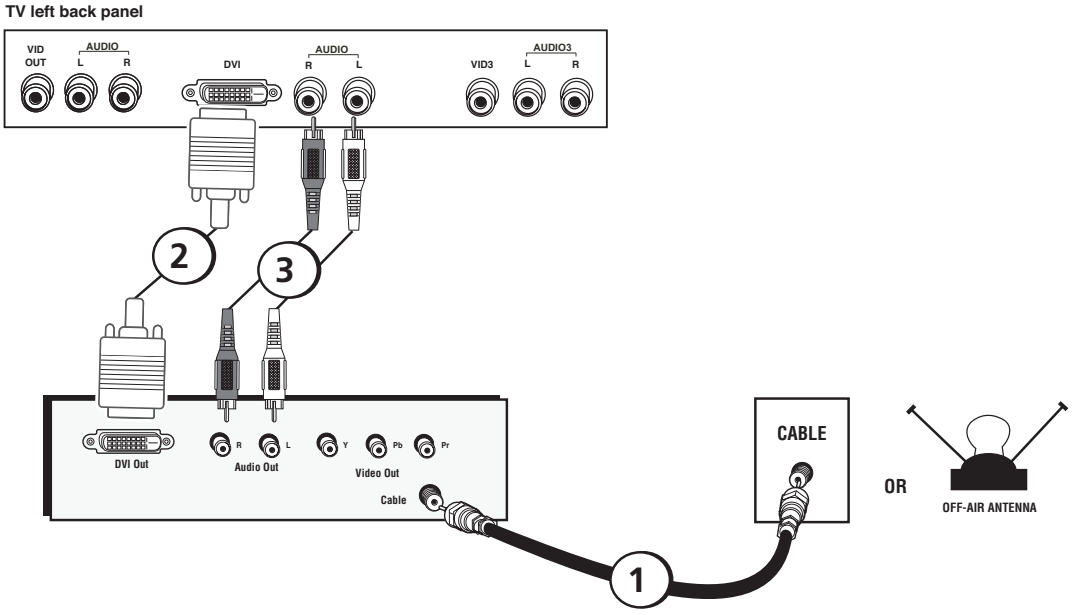
1. **Connect your cable or off-air antenna to the TV's ANT input on the right back panel.**
2. **Connect composite audio/video cables to the TV's input.**
   Connect composite audio/video cables to the TV's Input 3 jacks (L and R AUDIO3, and VID3) and to the VCR's audio/video outputs.
3. **Connect composite audio/video cables to the TV's output.**
   Connect composite audio/video cables to the TV's Audio/Video Output jacks (L and R AUDIO, and VID OUT) and to the VCR's audio/video input.

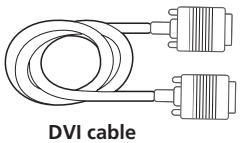
Viewing the Picture from the Connected Device

The device in this connection is connected to the Input 3 jacks. To view this device:

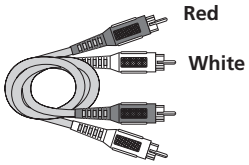
1. Plug in the TV (see page 8 for details) and the device, if they aren't already plugged in. Turn on the TV and the device you want to view.
2. Press the INPUT button on the remote control to scroll through the Video Input Channels until you see *VID3* in the channel banner.

DVI Connection





DVI cable



Audio cables are color coded- Red= right audio; white= left audio

Connecting the Device

A DVI connection allows you to connect a device that has high-definition capability.

Note: *The DVI jack is not intended to be used with a computer.*

Using the example of an HD receiver:

1. **Connect your cable and/or off-air antenna to the HD receiver's Cable input.**
2. **Connect a DVI cable to the TV's DVI input.**

   Connect a DVI cable to the TV's DVI input jack and to the HD receiver's DVI output.
3. **Connect composite audio cables to the TV's DVI audio inputs.**

   Connect audio cables to the TV's DVI R and L AUDIO jacks and to the HD receiver's audio outputs.

Viewing the Picture from the Connected Device

The device in this connection is connected to the DVI jacks. To view this device:

1. Plug in the TV (see page 8 for details) and the device, if they aren't already plugged in. Turn on the TV and the device you want to view.
2. Press the INPUT button on the remote control to scroll through the Video Input Channels until you see *DVI* in the channel banner.

   Note: *If you're connecting a receiver to the DVI jack, all necessary information is transferred from the receiver to the TV. Therefore, there is no need to make adjustments in the Main menu.*

Connecting to a Personal Computer

A. Use a 15-pin monitor cable to connect your TV to a PC. Connect one end of the 15-pin monitor cable to the VGA jack on the TV and the other end to the PC's video output. Note, if your PC's video output is not 15 pin, you will need an adapter that can connect to a 15-pin monitor cable.

B. Use a 3.5 mm stereo mini pin cable (sometimes referred to as 1/8" stereo mini pin) to connect the audio. Connect the 3.5 mm end of the audio cable to the VGA AUDIO jack on the back of the TV. Connect the other end to the Audio Output jack on the PC.

Notes: *The maximum panel resolution is 1366 x 768. Be sure to set your PC to the correct monitor output setting.*

The MultiTask Audio™ feature allows you to listen to the sound from the TV while the PC is connected. Go to page 17 for more information.

Viewing the PC

1. Plug in the TV (see the following section for details) and the PC, if they're not already plugged in. Turn on the TV and the PC.
2. Press the PC INPUT button on the remote control.

Setting Up Your TV

There are several steps you need to follow before you can turn on the TV. Follow the instructions below to setup and turn on your TV.

Plug in the TV

Plug the end of the cord into the back of the TV. Plug the other end of the power cord into an appropriate wall outlet. Be sure to insert the plug completely. Do not plug into an outlet controlled by a light switch.

Put Batteries in the Remote

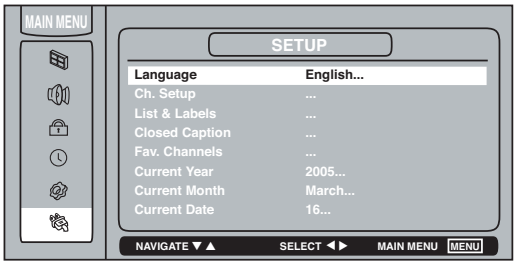
- Remove the battery compartment cover from the back of the remote by pushing down on and sliding off the cover.
- Insert 2 fresh "AA" batteries. Make sure the polarities (+ and -) match the diagram in the battery compartment.
- Replace the cover.

Turn on the TV

The first time you turn on your TV you need to turn on the main power to the TV by pressing the Power button on the TV's front panel. Then press the ON/OFF button on the TV or ON•OFF button on the remote to power on the TV.

Completing the On Screen Setup

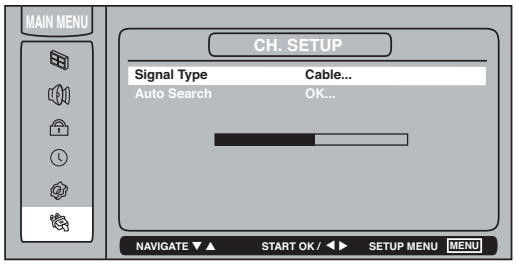
There are several options you might need to set up in order for your TV to work properly. The first time you turn on your TV, the SETUP screen appears with *Language* highlighted. Follow the instructions below to complete the setup for your TV.



Choose the Menu Language

Select your preferred language for the menu system.

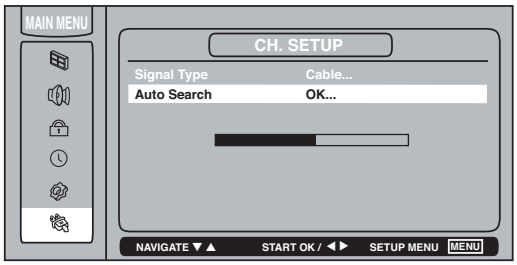
1. The default language is *English*. To select *French* or *Spanish*, press the right arrow button.
2. Press the down arrow button on the remote to highlight *Ch. Setup*.



Choose the Signal Type

In order for your TV to search for channels, you need to make sure your signal source is set correctly.

1. With *Ch. Setup* highlighted, press the right arrow button to display the *CH. SETUP* menu.
2. By default, the signal type is set to *Cable*. Leave the signal type set to *Cable* if your TV is receiving its signal from cable. If your TV is receiving its signal from an off-air antenna, press the right arrow button again to change the option to *Antenna*.
3. Press the down arrow button to highlight *Auto Search*.



Complete Channel Search

To search for all channels viewable through your antenna or cable TV system:

1. With *Auto Search* highlighted, press the OK button.

   Note: *Depending on the number of channels you receive, it may take several minutes for the channel search to finish.*
2. When the search is complete, you might want to change your channel list. Go to Chapter 3 for instructions.

   If you don't want to change your channel list, the initial setup is complete and you can press CLEAR to exit. The other setup options are explained in Chapter 3.

What to Expect

You might notice as you change channels while using an HD receiver, the size on screen appears different. Analog channels are sent in a 4:3 format, which can't fill a 16:9 screen like your TV. Most digital channels are sent in a 16:9 format which do fill your screen, but not always. It depends on how the station is formatting the video. Press the FORMAT button on your remote to see the different formats available.

Explanation of Jacks

This section describes the jacks and cables you might use to make connections. There are several ways to connect devices to your TV.

Back Panel (right)

VGA Connect your computer to this jack using a 15 pin D-sub cable.

VGA AUDIO (Stereo mini jack) Use to obtain sound when a PC is connected to the VGA jack. Use a 3.5 mm stereo mini pin cable (sometimes referred to as 1/8" stereo mini pin) to connect a PC to your TV. Go to page 8 for more information.

CMPT (Component) INPUT

- **Y Pb/Cb Pr/Cr** For connection of devices that have component output jacks (Y Pb Pr), such as an HD receiver, or DVD player. The TV's Component jacks can recognize if the device you're connecting to is Y Pb Pr compatible or Y Cb Cr compatible.

  The Y Pb/Cb Pr/Cr jacks provide excellent picture quality because the video is separated into three separate parts.

- **AUDIO L** and **R** Use the left and right audio jacks when connecting to the Component video inputs. The right connector is usually red; the left connector is usually white.

Composite Input 1

- **AUDIO R** and **L** Use the AUDIO1 right and left audio jacks when connecting to the VID1 input jack. The right connector is usually red; the left connector is usually white.
- **VID1** Provides composite video connection. The video connector is usually yellow.

S-VID The S-Video (super video) jack provides better picture quality than the regular video jack because the color (chrominance, also called chroma) part of the signal is separated from the black and white (luminance) part of the picture.

If a device you're connecting to your TV (like a DVD player) has an S-VIDEO and a VIDEO jack, connect the DVD player to the TV with an S-Video cable (not provided) for better picture quality.

> ***Note:*** *Remember to connect the left and right audio cables to the AUDIO1 In jacks because the S-Video cable carries only the picture signal, not the sound.*

Composite Input 2

AUDIO R and **L** Use the AUDIO2 right and left audio jacks when connecting to the VID2 input jack. The right connector is usually red; the left connector is usually white.

VID2 Provides an additional composite video connection. The video connector is usually yellow.

ANT Lets you connect a coaxial cable to receive the signal from the antenna, cable, or cable box.

Back Panel (left)

AUDIO/VIDEO OUTPUT Connect a VCR to record programs. You must leave the TV on the same channel you are recording.

- **VID OUT** Provides composite video connection and connector is usually yellow.
- **AUDIO L** and **R** Use the Audio left and right audio jacks when connecting to the VID OUT jack. The right connector is usually red; the left connector is usually white.

Note: *When recording from this output, remember to tune to the channel you want to record.*

DVI (Digital Visual Interface) Provides an uncompressed digital interface designed to deliver digital video in its native format. It supports the overlay of high-resolution graphics used by some program guides and interactive devices.

Note: *The DVI jack is not intended to be used with a computer.*

- **AUDIO R** and **L** Use the Audio right and left audio jacks when connecting to the DVI jack. The right connector is usually red; the left connector is usually white.

Composite Input 3

- **VID3** Provides a third optional composite video connection. The video connector is usually yellow
- **AUDIO L** and **R** Use the Audio 3 right and left audio jacks when connecting to the VID3 input jack. The right connector is usually red; the left connector is usually white.

Front Panel Buttons

If you can't locate your remote, you can use the buttons located underneath the front panel of your TV to operate many of the TV's features.

ON/OFF Turns on or off the TV after you've turned on the main power by pressing the Power button.

MENU Brings up the menu system.

VOL – Decreases the volume. In the menu system, it points left to items and adjusts menu controls.

VOL + Increases the volume. In the menu system, it points right to items and adjusts menu controls.

CH – Scans down through the channel list. In the menu system, it points down to items and adjusts menu controls.

CH + Scans up through the current channel list. In the menu system, it points up to items and adjusts menu controls.

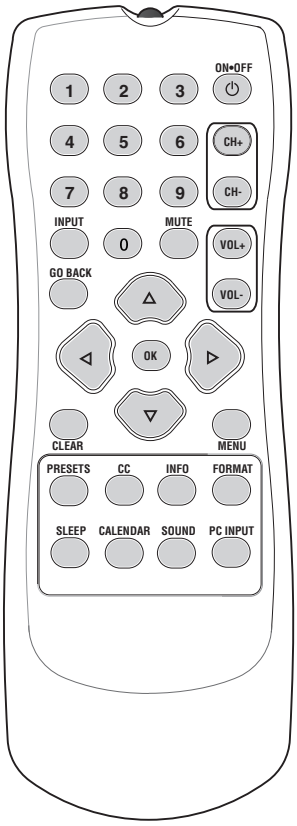
(Power) Turns the main power to the TV on or off.

Note: *If you use the Front Panel Block feature, the front panel buttons no longer provide access to the menus. Go to Chapter 2 for more information.*

Side Panel

(Headphone) Allows you to connect headphones to listen to the sound coming from the TV.

Note: *When you plug in headphones, the TV's internal speakers are automatically turned off.*



The Buttons on the Remote Control

Arrow buttons Highlights different items in the TV menu and adjusts the menu controls.

(0-9) Number buttons Enter channel numbers and password settings directly through the remote control.

CALENDAR Displays the calendar of the current month and year. Make sure you've set the date correctly in the SETUP menu.

CC Brings up the Closed Caption menu.

CH + or CH - Scans up or down through the current channel list.

CLEAR Removes any menu or display from the screen and returns you to normal viewing.

GO BACK Returns you to the previous channel.

FORMAT Changes the aspect ratio: *4:3, 14:9 Zoom, 16:9 Zoom, Cinerama, 16:9 Subtitles*, and *16:9 Widescreen*.

INFO Brings up the channel banner; press again to clear the screen.

INPUT Toggles through the available video input channels- *VID1/S-VID, VID2, VID3, CMPT, VGA, DVI,* and current channel.

MENU Brings up the menu system.

MUTE Reduces the TV's volume to its minimum level. Press again to restore the volume.

OK When in the menu system, changes highlighted items to another option.

ON•OFF Turns the TV on and off.

PC INPUT Switches to the PC Input (*VGA*).

PRESETS Toggles through the brightness settings of the picture: *Personal, Soft, Natural*, and *Bright*.

SLEEP Sets the TV to turn off. Each time you press SLEEP the clock adds 5 minutes (up to 120 minutes). To cancel, press CLEAR.

SOUND Toggles through the sound modes: *Concert, Stereo, Cinema, News, Surround*, and *Personal*. In PC mode, switches to the TV's audio.

VOL – or VOL + Decreases or increases the TV's volume.

About the Channel Banner

The Channel Banner appears when you press the INFO button on the remote or the button corresponding to the function. The following list describes the items on the Channel Banner screen (left to right and top to bottom). Other displays that are not shown are self-explanatory.

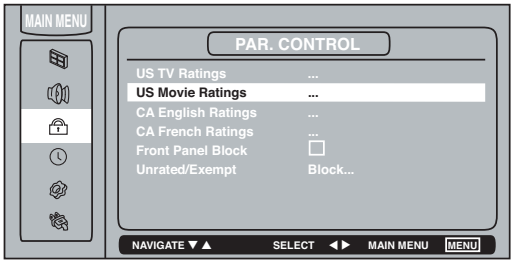
The icons change appearance to show the item's status or availability.

VGA Displays the current input you're viewing. Displays the current channel when you're watching TV.

Mute Icon Displays when you mute the sound.

Sleep 20 min. Corresponds to the SLEEP button. Shows how much time is set before the TV turns off.

Volume Displays the level of the volume when you press the VOL + or - button. The volume level has 100 steps.



Parental Controls

The choices in the *Parental Control* menu involve software inside your TV (referred to as V-Chip) which lets you block TV programs and movies based on violence, sex, or other content you may believe children should not view. Once you block programs, you or other adults can unblock programs by entering a password.

By default, the software inside your TV is turned "off," so if you don't want to use this feature, you can just ignore it.

The first time you enter the Parental Control menu, a password screen appears. Enter the default password 1111. If you want to change your password, highlight *Change Pwd.* and press OK. Then use the number buttons to enter the on-screen information and press the down arrow button to highlight the next entry and a confirmation screen appears when it's complete. Once you've entered your password, press OK to continue.

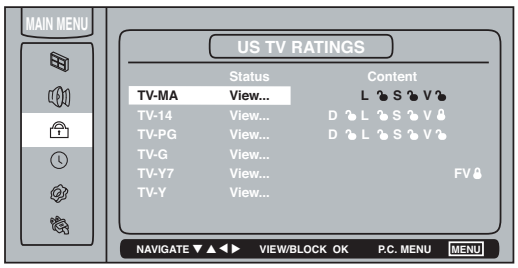
How V-Chip Works

The V-Chip software reads a code that most broadcasters send with programs. That code tells the software the program's age-based rating (TV-MA, TV-14, etc.) and content themes [(Violence (V), Adult Language (L), etc.)]. If you have blocked the rating and/or content themes that the program contains and you tune to a program whose rating exceeds the rating limit you set, you will receive a message telling you that the program is not approved for viewing.

Broadcasters are not required to provide content themes, so programs received with no content themes will only be blocked if you block their age-based rating. You can also block out programs that have been given a rating of Not Rated, and programs that are considered unrated. The TV age-based ratings and content themes you can block follow.

> ***Note:*** *The V-Chip USA, Canadian English and Canadian French ratings explanations* *are on page 27.*

Graphics contained within this publication are for representation only.



US TV Ratings

The US TV Ratings lets you decide which TV programs can and cannot be viewed. To set TV programming limits:

1. Press MENU to bring up the menu system.
2. Choose the Parental Control icon. Enter the 1111 default password or the password you chose and press OK to continue.
3. Highlight and press the right arrow to display *US TV Rating*.
4. Once you get to the *US TV Ratings* screen, use the up and down arrow buttons to highlight a rating.

Proceed to the next sections for more details about how to change the status of TV program ratings.

The US Rating Limit Screen

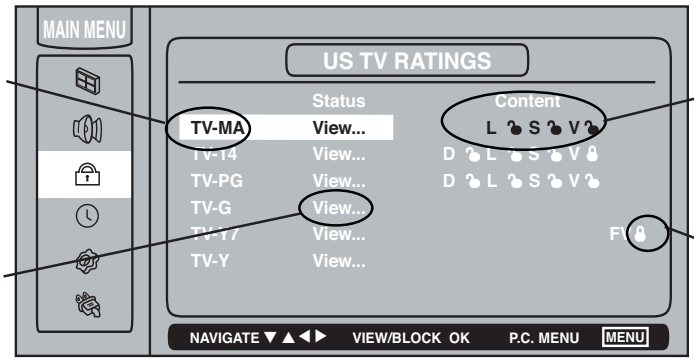
The following is an example of where items are located within the V-Chip TV Ratings screen.

Rating Field

Lets you select the age-based rating you want to block or view.

Rating Status Field

Lets you select whether the status of the age-based rating limit to the left is View or Block.



Content Themes

Lists the content themes you can block or view.

Content Status Fields

Displays whether the status of the content theme is currently Locked or Unlocked.

Hierarchy of Age-Based Ratings	
TV-MA	*Mature Audience Only*
TV-14	*Parents Strongly Cautioned*
TV-PG	*Parental Guidance Suggested*
TV-G	*General Audience*
TV-Y7	*Directed to Children 7 years and older*
TV-Y	*All Children*

Blocking Age-Based Ratings

You can automatically block all program ratings above a specified age-based rating level. For example, if you only want your child to watch programs that have a TV-G rating and lower (in other words, you want the child to watch TV-G, TV-Y7, and TV-Y), then you need to block out higher ratings.

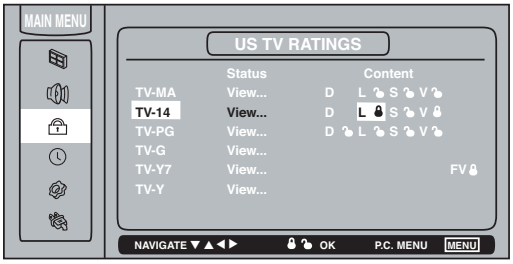
To block programs with higher ratings:

1. First, determine the lowest level rating you don't want the child to watch.
2. Highlight the lowest rating you do not want the child to watch. In the example discussed above, you would highlight TV-PG, since the highest rating you want the child to watch is TV-G.
3. Press the OK button to toggle between *View* and *Block*. The status for the rating you chose and all higher ratings automatically change to *Block*.
4. To lock the settings, exit the Parental Control menu or menu system and the password screen appears. Enter your password and press OK. If you exit the menu system without entering your password, the settings you changed won't take effect.

Viewing Age-Based Ratings

After you block age-based ratings, you have the option of changing some of the ratings back to *View*.

1. Determine which blocked rating you want to view.
2. Use the up and down arrow buttons to highlight the rating with a status of *Block*.
3. Press the OK button to select *View*.
4. To lock the settings, exit the Parental Control menu or menu system and the password screen appears. Enter your password and press OK. If you exit the menu system and cancel after entering your password, the settings you changed won't take effect.



Content Themes	
D	*Sexually explicit dialogue*
L	*Adult language*
S	*Sexual situations*
V	*Violence*
FV	*Fantasy Violence*

Blocking Specific Content Themes

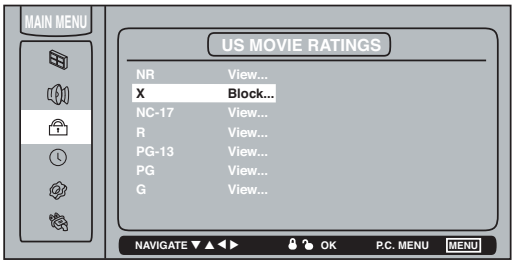
You can block programs based on their content. (Content is represented by the D, L, S, V and FV on your screen.) When you block a content theme for a particular rating, you automatically block that content theme for higher rated programs as well.

To block program content:

1. Determine the content themes you want to block.
2. Press the down arrow button to select the age-based rating you want to change.
3. Press the right arrow button to highlight a particular content theme.
4. Press the OK button to change its status to the lock icon, or block. (In the example to the left, you block the language (L) corresponding with TV-14).

   Notes: *Broadcasters are not required to provide content themes or age-based ratings.*
5. Lock the settings as described above or the changes won't take effect.

To view content themes after you've locked them, follow the same steps to unlock. Then lock Parental Controls to save your changes.



V-Chip Movie Rating Limit

You set movie rating limits by blocking movies rated above a specified rating. How to block movie ratings and view movie ratings is explained in the next two sections.

To access the V-Chip Movie Rating menu:

1. Press MENU on the remote control.
2. Press the down arrow button to select the Parental Control icon.
3. Select *US Movie Ratings*.

Blocking Movie Ratings

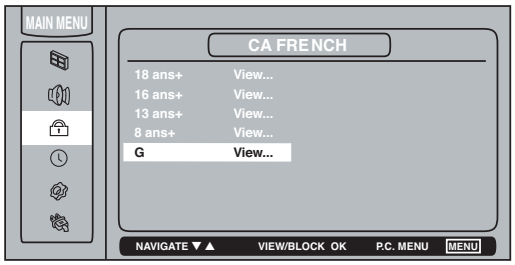
If you only want your child to watch movies that have a PG rating and lower (in other words, movies rated PG and G), then you could automatically block out all other movies with higher ratings.

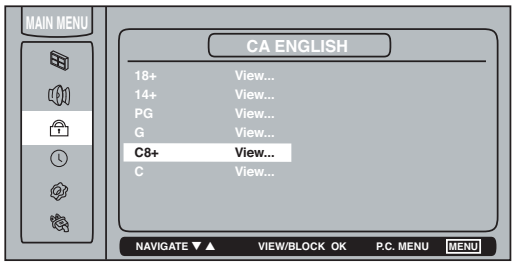
To block movies:

1. Highlight the rating that is the lowest rating you don't want the child to watch. (In the example above, you would highlight the rating status button corresponding to PG-13, since the highest rating you want the child to watch is PG.)
2. Press the OK button to change from *View* to *Block*. All higher ratings automatically change to *Block*.
3. To lock the settings, exit the Parental Control menu or menu system and the password screen appears. Enter your password and press OK. If you exit the menu system without entering your password, the settings you changed won't take effect.

   Note: *Some movies may be given a Not Rated (NR) rating. After blocking movie ratings, you must unlock NR separately in order to view movies with an NR rating.*

To view movie ratings after you've locked them, follow the same steps to unlock. Then lock Parental Controls to save your changes.





Blocking Canadian V-Chip Ratings

If you receive Canadian programs you can block Canadian English and French V-Chip by ratings only. When you block a particular rating, you automatically block the higher rated programs as well.

To block Canadian English and French program ratings:

1. Press the MENU button and select the Parental Control icon.
2. Highlight *CA English Ratings* or *CA French Ratings* and press OK.
3. Determine the rating you want to block.
4. Press the down arrow button to scroll to the rating you want to change.
5. Press the OK button to change its status to *Block*. All ratings above the one you selected change to *Block*.
6. Lock the settings as described above or the changes won't take effect.

To view Canadian ratings after you've locked them, follow the same steps to unlock. Then lock Parental Controls to save your changes.

Front Panel Block

Selecting this option lets you block (disable) or unblock (enable) the TV's front panel buttons. The remote still tunes to any channel. *Front Panel Block* can:

- Keep children from watching TV when the parent is not present.
- Keep young children from playing with the buttons on the TV.

(When using this as a Parental Control method, you should remove access to any remote that is capable of operating the television while you have the front panel blocked.)

Don't forget to lock the TV after you disable *Front Panel Block* (box has check mark). If you do not, the front panel block will not take effect.

Notes: *If power to the TV is lost for more than an hour, the buttons become unblocked.*

To temporarily override front panel block, make sure no menus are displayed on-screen. Simultaneously press and hold the MENU button on the TV's front panel and CLEAR on the remote for approximately 10 seconds.

V-Chip Unrated/Exempt Block

The V-Chip *Unrated/Exempt* option lets you decide if programs that the V-Chip recognizes as unrated can be viewed. Unrated TV programs may include news, sports, political, religious, local and weather programs, emergency bulletins, public announcements, and programs without ratings. The V-Chip *Unrated/Exempt* option applies to both US and Canadian unrated programs and Canadian programs rated *E*.

View All unrated programs are available.
Block All unrated programs are not available.

Note: *You must remember to lock Parental Controls for rating limits to take effect.*

Press the down arrow to highlight *Unrated/Exempt*. Then press the right arrow to toggle between *View* and *Block*.

Additional Features

There are additional features available by using the remote control.

MultiTask Audio

The MultiTask Audio feature allows you to listen to the sound from the TV while the PC is connected. Tune to the program on the TV you want to listen to. Switch to the PC input by pressing the PC INPUT button on the remote. Press the SOUND button to hear the program's audio. Press SOUND again to turn off the program's audio. To listen to a different program, press the GO BACK button to return to the TV input. Then change the channel until you find the new program you want to listen to and go back to the PC input as previously described.

Calendar

Use the CALENDAR button on the remote to display the current month and year page. To display a different month use the up and down arrow buttons; to display a different year use the left and right arrow buttons.

There are also more features available through the menu system, such as:

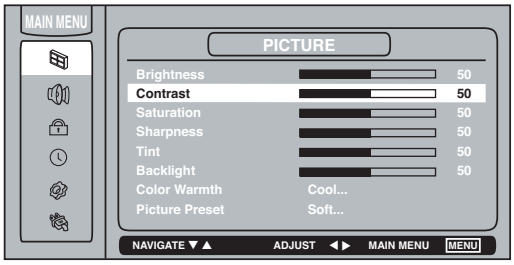
- Picture adjustments
- Sound adjustments
- Time settings
- Auto Volume Level

Go to the next chapter for more details.

Chapter 3: Using the TV's Menu System

Menus, On-screen Help, and Control Panels

This section explores the menus of your TV, beginning with some information on using menus and control panels. Each menu is outlined and detailed to help you get the most from your TV. The *Parental Control* menu is discussed in the Features chapter.



To access the menu system:

1. Press the MENU button.
2. Use the up and down arrow buttons to highlight the icons on the left. The corresponding menu options with the icon you've highlighted are displayed on the right. The name of the menu is displayed at the top of the menu screen.
3. Press the right arrow button to access the menu of the icon you've highlighted. Then use the up and down arrow buttons to move to a different option within the menu. Also, use the text at the bottom of each screen for help.
4. To highlight a different icon on the left, press the MENU button on the remote, then use the up or down arrow button to select a different icon.

Descriptions of each menu are discussed in the order the icons appear.

If a PC is connected to the TV, press the PC INPUT button on the remote to display the *VGA* Input. Then press the MENU button to display the specific PC menus.

Exiting a menu

There are two ways to exit a menu:

- Press MENU until on-screen menus disappear.
- Press CLEAR. The on-screen displays are cleared from the screen and you return to TV viewing.

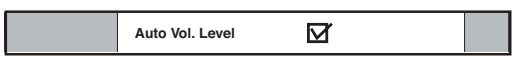
Controls

Controls let you adjust the default settings of your TV. You can choose a setting, enter a number, or adjust a level such as tint or brightness. There are four types of controls: sliders, choice lists, numeric entries, and option lists.

Sliders

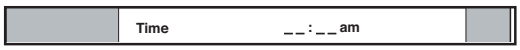
Sliders are used to select a specific point of a control that has continuous levels. To make adjustments:

1. Press the up or down arrow button to select the slider control for the feature you want to adjust.
2. Press the left or right arrow button to adjust the indicator on the slider.



Choice Lists

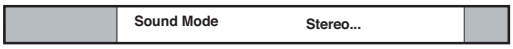
Check boxes allow you to turn on or off an option. Press the left or right arrow button to turn on or off an option.



Numeric Entries

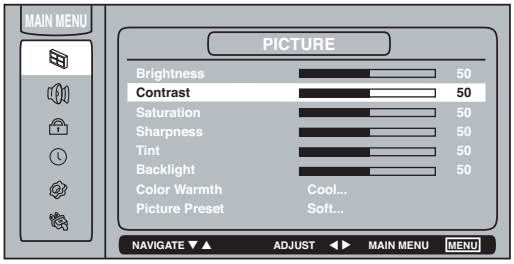
Numeric entry fields are used to enter numbers and passwords. Use the number buttons on the remote to enter the information.

1. Use the up or down arrow button to highlight the field.
2. Use the number buttons to enter information and the left and right arrow buttons to move to the next entry, if necessary.



Option Lists

An option list cycles through at least two or more choices. Press the left or right arrow button to select the next entry in the choice field.



Picture Menu

The *Picture* menu displays five slider controls for adjusting the way the picture looks.

To access the Picture menu press the MENU button on the remote control. The Picture icon is highlighted and the following menu options appear.

Brightness Adjusts the brightness of the picture.

Contrast Adjusts the difference between the light and dark areas of the picture.

Saturation Adjusts the richness of color.

Sharpness Adjusts the crispness of the edges in the picture.

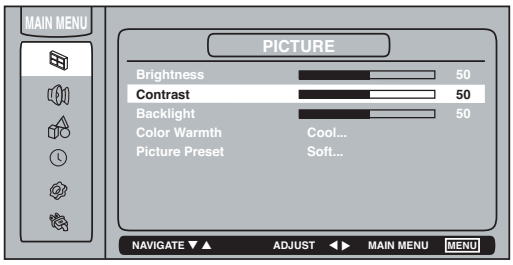
Tint Adjusts the balance between the red and green levels.

Backlight Press the right arrow button to adjust the level of light, depending on room lighting.

Color Warmth Automatically adjusts the color temperature of the picture. Press the right arrow button to scroll through the color adjustments: *Cool* for a more blue palette of picture colors; *Normal*; and *Warm* for a more red palette of picture colors.

Picture Preset Toggles through the picture preset settings: *Soft, Natural*, *Bright,* and *Personal*.

When you change the options of the picture, the picture preset changes to *Personal*.



PC Picture Menu

These adjustments apply to the *VGA* Input when a PC is connected to your TV. To access the PC Picture menu:

1. Press the PC INPUT button on the remote control.
2. Press MENU on the remote control. The following menu options appear.

Brightness Adjusts the brightness of the picture.

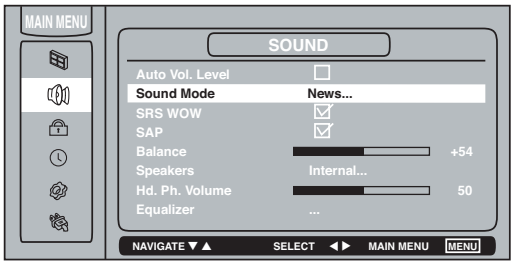
Contrast Adjusts the difference between the light and dark areas of the picture.

Backlight Press the right arrow button to adjust the level of light, depending on room lighting.

Color Warmth Automatically adjusts the color temperature of the picture. Press the right arrow button to scroll through the color adjustments: *Cool* for a more blue palette of picture colors; *Normal*; and *Warm* for a more red palette of picture colors.

Picture Preset Toggles through the picture preset settings: *Soft, Natural*, *Bright,* and *Personal.*

When you change the color options of the picture, the picture preset changes to *Personal.*



Sound Menu

The *Sound* menu lets you adjust audio output. To access the *Sound* menu, press MENU on the remote, and then select the Sound icon.

Auto Vol. Level *(Auto Volume Level)* Turn on this feature to reduce blasts in volume during commercial breaks to create more consistent audio output.

Sound Mode Press the right arrow button to scroll through the available audio types, which control the way the sound comes through your speakers: *Stereo, Cinema, News, Surround, Concert,* and *Personal.* The personal setting is saved according to changes you make to *Balance* and/or the *Equalizer* setting.

Note: *When Surround is turned on SRS WOW turns on automatically.*

SRS WOW Creates a three-dimensional sound while extending the sound range beyond the size of the speakers. When *SRS WOW* is turned on, the sound mode changes to *Surround.*

SAP Plays the program's audio in a second language, if one is available. SAP audio is broadcast in mono. SAP is also used to broadcast a program's audio with descriptions of the video for the visually impaired.

Note: *SAP is not available for video input channels.*

Balance Adjusts how much audio (loudness) gets sent to the left and right speakers.

Speakers Allows you to choose *Internal* if you want to use the internal speakers for sound or *External* if you have an external device connected to the AUDIO L/R OUT jacks and want to use those speakers for sound.

Hd. Ph. (Headphone) Volume Increases or decreases the volume coming from the TV's speakers to the Headphone jack.

Equalizer Lets you adjust the audio frequency settings: 100Hz, 500Hz, 1.5kHz, 5kHz, and 10kHz.

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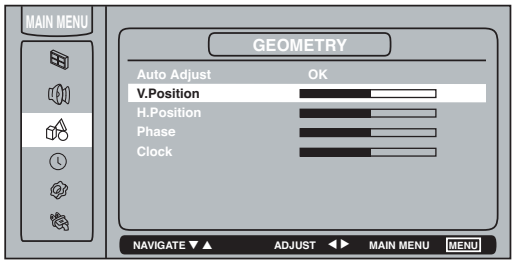
Parental Control Menu

The *Parental Control* menu was explained in Chapter 2. Go to page 13 for more information.



Geometry Menu

These adjustments apply to the *CMPT* and *VGA* inputs:

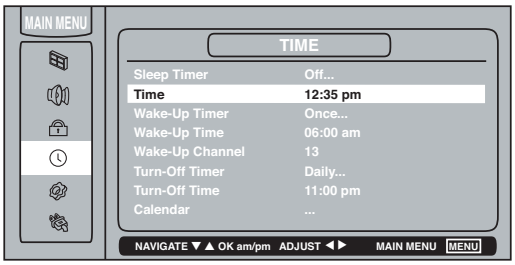
Auto Adjust Adjusts the position of the picture automatically.

V. Position *(Vertical Position)* Adjusts the picture's position upward or downward.

H. Position *(Horizontal Position)* Adjusts the picture's position left or right.

Phase Adjusts the picture if there is flicker of screen letters, color misalignment, or blurring.

Clock Adjusts the clock sync of the picture.



Time Menu

Sleep Timer A one-time event that is used to set the TV to turn off at a specific time.

Time Lets you set the time. If it is 8:25, for example, you must first press the number 0 on the remote, then number 8, then 2 and then 5. Press the OK button to choose between am and pm. To reset the time, press the left or right arrow.

Wake-Up Timer Lets you set the TV to turn itself on. Choose *Once, Daily*, or *None*.

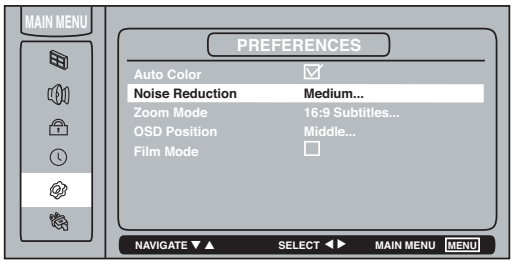
Wake-Up Time Lets you set the time you want the TV to turn itself on. Follow the same instructions as setting the Time.

Wake-Up Channel Lets you choose the channel you want the TV to tune to when it turns on from the Wake-Up Timer.

Turn-Off Timer Lets you set the TV to turn itself off after it turns on from the Wake-Up Timer. Choose *Once, Daily*, or *None*.

Turn-Off Time Lets you set the time you want the TV to turn itself off. Follow the same instructions as setting the Time.

Calendar Displays the current month and year page according to the month, year and date you set in the *Setup* menu. To display a different month, use the up and down arrow buttons; to display a different year, use the left and right arrow buttons. Use the CALENDAR button for immediate display of the Calendar.



Preferences Menu

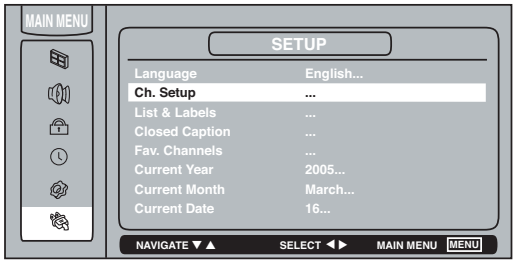
Auto Color Minimizes the flesh tone variations of the TV's picture. Turn on or off depending on your preference.

Noise Reduction Allows you to reduce any type of interference in the picture. Choose the option which is best for your picture: *Low, Medium* or *High*.

Zoom Mode Allows you to change how the picture is displayed on your screen: *4:3, 14:9 Zoom, 16:9 Zoom, Cinerama, 16:9 Subtitles*, and *16:9 Widescreen*.

OSD Position Selects where you want the menu to appear on the TV.

Film Mode (Also known as 3:2 Reverse Pulldown) Detects and converts film content for better display with minimal artifacts. If you're watching a movie, turn to on (box has check mark).



Setup Menu

Language Select your preferred language for the menus.

Ch. Setup *(Channel Setup)* Displays options *Signal Type* and *Auto Search*.

> ***Signal Type*** Choose the type of signal your TV is receiving: *Cable* or *Antenna*. Go to page 9 for more information.
>
> ***Auto Search*** Allows the TV to search for channels the signal is receiving and stores them in the TV's channel list. Go to page 9 for more information.

List & Labels Allows you to enter channels you want to delete or add to your channel list.

> ***Ch. No.*** *(Channel number)* Use the number or arrow buttons to enter the channel number. To enter a one-digit channel, enter two zeros first. To enter a two-digit channel, enter one zero first. For example, if you want to add channel 7 to your list, press the number 0, 0, then press 7.
>
> ***Ch. Label*** Allows you to add a six character label, which is displayed on-screen when you tune to the channel entered in the Ch. No. Press the 1 or 2 number buttons on the remote to scroll through the available characters. Continue to press the right arrow button to highlight the next space to add another character. Press the left arrow to erase the label.
>
> ***In List*** If you've entered a channel you want to add to the channel list, highlight *In List* and press the right arrow button to place a check in the checkbox. If you've entered a channel you want to delete from the channel list, press the right arrow button to uncheck the checkbox.

Closed Caption *(only available for TV video input channel)* Many programs are encoded with closed-captioning information, which lets you display the audio portion of a program as text on the TV screen.

Closed captioning is not available on all channels at all times. Only specific programs encoded with closed-captioning information are applicable. The closed caption options are:

CC Setting Choose the way closed captioning information is shown on the screen.

On Captioning information always appears, when available.

Off No captioning information displayed.

On When Mute Displays captioning information, when available, whenever the TV's sound is muted by pressing the MUTE button. The captioning information is not displayed when the sound is not muted.

CC Mode Choose which captioning mode is used for displaying captioning information. If you are unsure of the differences among the modes, you may prefer to leave the closed captioned mode set to CC1, which displays complete text of the program in the primary language in your area.

CC Displays information at any position on the screen. It overlays the text on top of the picture as it is received.

Text Displays information at one particular position (such as the bottom third) on the screen. You cannot see the picture underneath the text.

Choose between these closed caption modes or sources:

- ***CC1*** and ***Text1*** are the primary caption and text services. The captioning or text is displayed in the same language as the program's dialog.
- ***CC3*** and ***Text3*** serve as the preferred data channels. The captioning or text is often a secondary language translation, simplified English, or displayed at a slower rate.
- ***CC2*** and ***CC4,*** and ***Text2*** and ***Text4*** are rarely available and broadcasters use them only in special conditions, such as when CC1 and CC3 are not available, or Text1 and Text3 are not available.

Fav. Channels Lets you set six of your favorite channels in order of preference. Use the number buttons to enter your channels.

Current Year Lets you set the current year using the arrow buttons.

Current Month Lets you set the current month using the arrow buttons.

Current Date Lets you set the current day using the arrow buttons.

Note: *Once you set the current day, month and year, you can press the CALENDAR button to view the current calendar month and year.*

Chapter 4: Other Information

Troubleshooting

Most problems you encounter with your TV can be corrected by consulting the following troubleshooting list.

> ***Note for U.S. customers:*** *If you prefer, we can provide you with the name of an Authorized Service Representative who will visit your home for a fee to install your electronic entertainment system and to instruct you in its operation. For details about this service, call 1-888-206-3359. For additional assistance while using your RCA product, please visit www.rca.com.*

TV Problems

TV won't turn on

- Make sure the power has first been turned on by pressing the ⏻ (Power) button on the TV's front panel. Then press the ON/OFF button.
- Make sure the TV is plugged in.
- Check the wall receptacle (or extension cord) to make sure it is "live" by plugging in something else.
- Something might be wrong with your remote control. Press the ON/OFF button on the TV's front panel. If the TV turns on, check the remote control solutions on page 25.
- The front panel controls may be locked (disabled). Use the remote control to unlock the front panel controls by selecting the *Front Panel Block* in the *Parental Control* menu and press OK (box won't have check mark).

Buttons don't work

- The front panel controls may be locked (disabled). Use the remote control to unlock the front panel controls by selecting the *Front Panel Block* in the *Parental Control* menu and press OK (box won't have check mark).
- Unplug the TV for two minutes and then plug it back in. Turn the TV on and try again.

TV turns off unexpectedly

- Sleep timer might have been activated. Go to page 12 for instructions.
- Electronic protection circuit may have been activated because of a power surge. Wait 30 seconds and then turn on again. If this happens frequently, the voltage in your house may be abnormally high or low.
- Unplug TV. Wait five minutes. Plug it in again.

Blank screen

- Make sure the device connected to the TV is turned on.
- Try another channel.
- You might be tuned to another video input channel. Press INPUT until you tune to the TV input.

Sound problems, picture okay

- Maybe the sound is muted. Try pressing the volume up button to restore sound.
- If using S-Video or Y Pb Pr, remember to also connect the device's left and right audio output jacks to the TV's AUDIO jacks.
- Make sure the *Volume* option in the *Sound* menu is turned up.
- Make sure the Speakers option in the *Sound* menu is set to *Internal*.
- Make sure headphones aren't connected to the headphones jack. If you hear a pop when you turn off or on the TV, this is normal when the headphones are connected.

Can't select certain channel

- Channel may be blocked or not approved through the V-Chip.
- If using a VCR, check to make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).

No picture, no sound but TV is on

- Maybe the signal type is set wrong. Go to page 9 for detailed instructions.
- The channel might be blank — change channels.
- If you're watching your VCR and it's connected with coaxial cable to the ANT jack, tune the TV to channel 3 or 4 (whichever channel is selected on the 3/4 switch on the back of your VCR). Also check to make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).
- You might be tuned to another video input channel. Press INPUT until you tune to the TV input.

Sound okay, picture poor

- Check antenna connections. Make sure all of the cables are firmly connected to the jacks.
- Try using the picture settings to improve the picture. Go to page 19 for more instructions.

Black box appears on the screen

- Closed caption might be on. Check *Closed Caption* in the *SETUP* menu. Go to page 23 for more instructions.

The Remote Control Doesn't Work

- Something might be between the remote and the remote sensor on the component. Make sure there is a clear path.
- Maybe batteries in remote are weak, dead, or installed incorrectly. Put new batteries in the remote.

Problems with V-Chip/Parental Controls

The rating limits don't work

- You must activate the settings. Press MENU on your remote, select the Parental Control icon. Make the changes you'd like to the ratings and enter your password when you exit the menu.

I don't remember my password and I want to unlock the TV

- If you forget your password you can reset it. Make sure no menus are displayed on-screen. Simultaneously press and hold VOL - on the TV's front panel and the OK button on the remote for approximately 10 seconds. Enter a new password next time you access the *Parental Controls* menu.

The V-Chip won't let me watch a program even though it's not rated as violent.

- Maybe the movie was given an NR (Not Rated) status. After you block movie ratings, you must unlock *NR* separately in order to view movies with an NR rating.

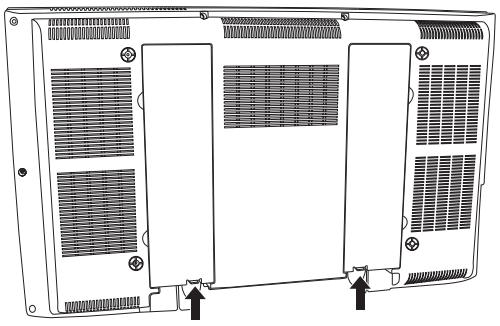
Care and Cleaning

CAUTION: Turn OFF your TV before cleaning.

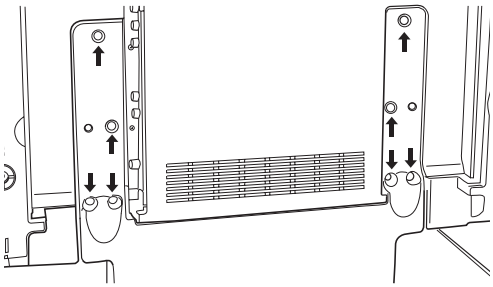
You can clean the TV as required, using a soft lint-free cloth. Be sure to occasionally dust the ventilation slots in the cabinet to help assure adequate ventilation.

IMPORTANT: Never use strong cleaning agents, such as ammonia-based cleaners, or abrasive powder. These types of cleaners will damage the TV.

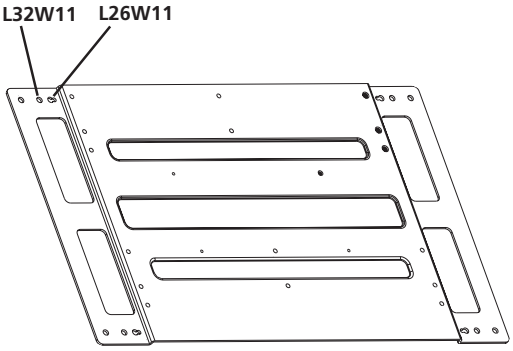
The TV's screen may be cleaned with a soft, lint-free cloth as well. Take care not to scratch or mar the screen. If necessary, you may use a cloth dampened with warm water. While cleaning do not spray liquid directly on the screen, or allow liquid to run down the screen and inside the TV. Also, never place drinks or vases with water on top of the TV. This could increase the risk of fire or shock hazard or damage to the TV.



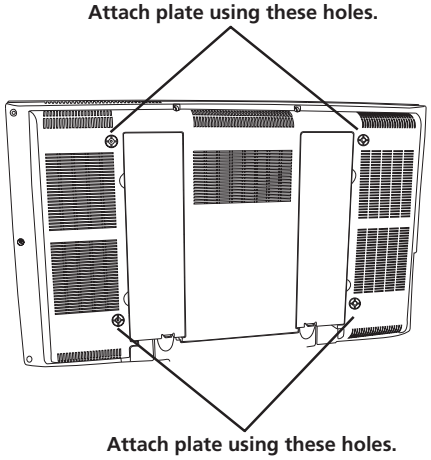
Remove the two jack covers to remove the base.



Remove the screws from the four holes on each side of the TV's base.



Attach plate using these holes.



Attach plate using these holes.

Mounting Your TV to the Wall

Caution: *The wall mount must bear a minimum of five times the TV's net weight without causing damage.*

Your TV comes with a wall mount plate that attaches to the back of your TV and allows you to mount the TV to the wall. You need to purchase a VESA compatible wall mount to mount your TV to a wall. Purchase a VESA wall mount that has mounting measurements of 200mm horizontally and 100mm vertically for model L26W11; and one that has mounting measurements of 400mm horizontally and 200mm vertically for model L32W11.

To attach the plate:

1. If your TV is attached to the base, you need to remove it first in order to attach the plate.
   A. Place the TV facedown on a surface that is soft, yet strong enough to hold the TV.
   B. Remove the two jack panel covers by pushing up on the tabs and pulling the covers out carefully.
   C. Use a screwdriver to remove the screws from the four holes on each side of the TV's base as the arrows indicate on the base.
2. Make sure all devices are already connected, then put the covers back into place over the jack panels.
3. Locate the wall mount plate.
4. Hold the plate so the printing is upright and facing you. Determine the holes to use for your model as indicated on the graphic to the left. The holes for your model are in the same location on each corner of the plate. Attach the plate to the back of the TV with four of the eight screws used to attach the base.
5. Follow the directions included with the wall mount to mount the TV to the wall.

V-Chip Rating Explanations

US V-Chip Rating System

TV-MA (Mature Audience Only) Specifically designed to be viewed by adults and may be unsuitable for children under 17. It contains one or more of the following content themes: crude indecent language (L), explicit sexual activity (S), or graphic violence (V).

TV-14 (Parents Strongly Cautioned) Contains some material that many parents would find unsuitable for children under 14. Parents are strongly urged to exercise greater care in monitoring this program and are cautioned against letting children under the age of 14 watch unattended. This program contains one or more of the following content themes: intensely suggestive dialogue (D), strong coarse language (L), intense sexual situations (S), or intense violence (V).

TV-PG (Parental Guidance Suggested) Contains material that parents may find unsuitable for younger children. Many parents may want to watch it with their younger children. The program contains one or more of the following content themes: some suggestive dialogue (D), infrequent coarse language (L), some sexual situations (S), or moderate violence (V).

TV-G (General Audience) Most parents would find this program suitable for all ages. It contains little or no sexual dialogue (D) or situations (S), no strong language (L), and little or no violence (V).

TV-Y7 (Directed to Children 7 years and older) Designed for children ages 7 and above. It may be more appropriate for children who have acquired the developmental skills needed to distinguish between make-believe and reality. Themes and elements in this program may include mild fantasy violence (FV) or comedic violence, or may frighten children under the age of 7.

TV-Y (All Children) Themes and elements in this program are designed for a young audience, including children from ages 2-6. It is not expected to frighten younger children.

Canadian English V-Chip Rating System

18+ (Adults) Programming intended for adults 18 and older. It may contain elements of violence, language, and sexual content which could make it unsuitable for viewers under 18. Violence Guidelines: May contain violence integral to the development of the plot, character or theme, intended for adult audiences. Other Content Guidelines: May contain graphic language and explicit portrayals of nudity and/or sex.

14+ (Viewers 14 and over) Programming contains themes or content which may not be suitable for viewers under the age of 14. Parents are strongly cautioned to exercise discretion in permitting viewing by pre-teens and early teens. Violence Guidelines: May contain intense scenes of violence. Could deal with mature themes and societal issues in a realistic fashion. Other Content Guidelines: May contain scenes of nudity and/or sexual activity. There could be frequent use of profanity.

PG (Parental Guidance) Programming intended for a general audience but which may not be suitable for younger children (under the age of 8). Parents may consider some content inappropriate for unsupervised viewing by children aged 8-13. Violence Guidelines: Depictions of conflict and/or aggression will be limited and moderate; may include physical, fantasy, or supernatural violence. Other Content Guidelines: May contain infrequent mild profanity, or mildly suggestive language. Could also contain brief scenes of nudity.

G (General Audience) Programming considered acceptable for all ages groups. While not designed specifically for children, it is understood younger viewers may be part of the audience. Violence Guidelines: Will contain very little violence, either physical or verbal or emotional. Will be sensitive to themes which could frighten a younger child, will not depict realistic scenes of violence which minimize or gloss over the effects of violent acts. Other Content Guidelines: There may be some inoffensive slang, no profanity and no nudity.

C8+ (Children 8 and Older) Programming generally considered acceptable for children 8 years and over to watch on their own. Violence Guidelines: Violence will not be portrayed as the preferred, acceptable, or only way to resolve conflict or encourage children to imitate dangerous acts which they may see on television. Any realistic depictions of violence will be infrequent, discreet, of low intensity and will show the consequences of the acts. Other Content Guidelines: There will be no profanity, nudity or sexual content.

C (Children) Programming intended for children under age 8. Violence Guidelines: Careful attention is paid to themes which could threaten children's sense of security and well being. There will be no realistic scenes of violence. Depictions of aggressive behaviour will be infrequent and limited to portrayals that are clearly imaginary, comedic or unrealistic in nature. Other Content Guidelines: There will be no offensive language, nudity or sexual content.

Canadian French V-Chip Rating System

18 ans+ (Adults) Programming is for adults only. This program contains sustained violence or extremely violent scenes.

16 ans+ (Viewers 16 and over) Programming is not suitable for those under age 16. This program contains frequent scenes of violence or intensely violent scenes.

13 ans+ (Viewers 13 and over) Programming may not be suitable for children under the age of 13. This program either contains several violent scenes or one or more scenes that are violent enough to affect them. Viewing in the company of an adult is therefore strongly recommended for children under the age of 13.

8 ans+ (Viewers 8 and over) Not recommended for young children. This program is suitable for most audiences, but it contains mild or occasional violence that could upset young children. Viewing in the company of an adult is therefore recommended for young children (under the age of 8) who do not distinguish between reality and imagination.

G (General Audience) This program is suitable for audiences of all ages. It contains no violence, or any violence that it does contain is either minimal or is presented in a humorous manner, as a caricature, or in an unrealistic way.

Limited Warranty

What your warranty covers:

- Defects in materials or workmanship.

For how long after your purchase:

- 1 year from date of purchase for parts and labor.

What we will do within one year:

- At our option, either (a) pay any Authorized RCA Television Service Center the labor charges, plus replacements parts, to repair your television, or (b) replace your television.
- At our option, the replacement parts or replacement television provided under the warranty may be new or refurbished.

How you get service:

- Take your RCA television to any Authorized RCA Television Service Center and pick up when repairs are complete.
- To identify your nearest Authorized RCA Television Service Center, ask your dealer, visit www.rca.com, look in the Yellow Pages, or call 1-800-951-9582.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

What your warranty *does not* cover:

- Acts of nature, such as but not limited to lightning damage.
- Adjustment of customer controls.
- Damage from misuse or neglect.
- A unit that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- Batteries.
- Units purchased or serviced outside the U.S.A.
- Shipping damage if the unit was not packed and shipped in the manner prescribed by TTE Technology, Inc..
- Customer Instruction. (Your Owner's Manual describes how to install, adjust, and operate your unit. Any additional information should be obtained from your dealer.)

Product Registration:

- Please complete and mail the Product Registration Card packed with your TV or register on-line at www.rca.com. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

Limitation of Warranty:

- **THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY TTE TECHNOLOGY, INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.**
- **REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. TTE TECHNOLOGY, INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.**

How state law relates to warranty:

- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your product outside the United States:

- This warranty does not apply. See your dealer for warranty information.

Service calls which do not involve defective materials or workmanship are not covered by this warranty. Costs of such service calls are the sole responsibility of the purchaser.

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FCC Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This Class B digital apparatus complies with Canadian ICES-003.

Visit the RCA web site at www.rca.com

Please do not send any products to the Indianapolis address listed in this manual or on the carton. This will only add delays in service for your product.

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